



## WATER MANAGEMENT DIVISION MONTHLY REPORT

### Information Exchange Bulletin

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### RESERVOIR OPERATION AND SYSTEM STATUS FOR JUNE 2000

**HIGHLIGHTS** – Cairo began the month at 28.2', crested at 34.1' on the 28<sup>th</sup>, and ended at 32.3'. Normal stage for June is 26 feet.

**WEATHER** –The weather during June continued warm for much of the basin with the exception being Indiana. Shifting weather patterns brought rain to the northwestern states of Indiana, Illinois and western Ohio as well as slightly cooler than normal temperatures. Welcome rain brought well above normal precipitation to southern Illinois, southern Indiana and West Virginia. In these areas rainfall was up to twice the expected normal. However, southern Kentucky and Tennessee had well below normal rainfall for the month. There was less than half the expected precipitation for much of this area. This continues the dry conditions of May for much of Tennessee.

The following table summarizes temperature and precipitation for June:

#### TEMPERATURE AND PRECIPITATION – JUNE 2000

STATION	TEMPERATURE		PRECIPITATION	
	OBSERVED DEGREES F	DEPARTURE FROM NORMAL	OBSERVED INCHES	DEPARTURE FROM NORMAL
Pittsburgh, PA	69.7	+1.8	5.64	+1.90
Charleston, WV	72.3	+0.9	3.38	-0.21
Columbus, OH	71.6	+2.4	3.50	-0.54
Cincinnati, OH	71.3	+0.3	4.74	+0.90
Louisville, KY	75.0	+1.8	3.88	+0.42
Indianapolis, IN	71.0	-0.9	4.55	+1.06
Evansville, IN	73.7	-1.1	5.86	+2.37
Nashville, TN	76.4	+0.8	1.75	-1.82

**STREAMFLOW** -- Ohio River monthly average flows for June ranged from a low of 89 percent of normal at Paducah, KY to a high of 127 percent of normal at Pittsburgh, PA. Daily flows ranged from a low of 29 percent of normal at Evansville, IN to a high of 187 percent of normal at Louisville, KY.

The following table presents the flow data summary for June at the Ohio River Index Stations:

**FLOW DATA – JUNE 2000**

STATION	AVERAGE MONTHLY FLOW	PERCENT LONG-TERM NORMAL		
		MONTHLY	DAILY	
	CUBIC FEET/SECOND		HIGH	LOW
Pittsburgh, PA	30,137	127	181	81
Huntington, WV	64,033	113	171	63
Cincinnati, OH	77,900	104	177	53
Louisville, KY	94,033	118	187	51
Evansville, IN	95,167	96	157	29
Paducah, KY	171,400	89	134	36

**RESERVOIRS** -- June started with 2.3% utilization of the total system flood control storage and ended the month at 1.4%. System-wide augmentation storage increased from 97.4% at the beginning of the month to 97.7% by the end of the month. Significant flood storage utilization in excess of 25% occurred at three reservoir projects during June; 34.6% at Berlin, and 35.9% at Milton and, 34.0% at Mosquito Creek.

The following table depicts storage change by tributary reservoir subsystem for June:

CHANGE IN STORAGE TRIBUTARY-RESERVOIR SUBSYSTEM	(ACRE-FEET)
Allegheny-Monongahela-Beaver	-44,500
Muskingum-Little Kanawha-Hocking-Kanawha-Guyandotte	-16,600
Twelvepole-Big Sandy-Little Sandy-Scioto	-600
Little Miami-Licking-Mill Creek-Great Miami	+4,700

Kentucky-Salt-Green-Wabash	+23,100
Cumberland	-296,900
<b>TOTAL</b>	<b>-330,800</b>

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